

Abstract

5 A nozzle or tip for use in precision dispensing
systems which provides a continuous, uninterrupted flow
of fluid therethrough. The tip comprises a body having
an inlet at one end adapted for connection to a
dispensing head or pump and an outlet at the other end
for positioning adjacent a location on the surface onto
10 which the fluid is to be dispensed. A passage in the
body of the tip connects the inlet to the outlet, and is
shaped to conduct fluid from the inlet to the outlet in
a continuous and uninterrupted manner. The passage has
a converging portion extending from the inlet to an
15 intermediate location in the body and a constant
diameter portion joining the converging portion to the
outlet. The body of the tip is of ceramic material,
~~preferably injection molded ceramic material. The tip~~
~~can be fitted in a metal housing which can be provided~~
20 ~~with a standoff pin for spacing the outlet end of the~~
~~tip from the surface onto which fluid is to be~~
dispensed.

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